| COUNTRY GDR COUNT | 50X1-H 50X1-H 50X1-H |
|--|----------------------------|
| COUNTRY GDR SUBJECT Economic - Electric power DATE DIST. Q Cet 1953 NO. OF PAGES 19 SUPPLEMENT TO REPORT NO. SUPPLEMENT TO REPORT NO. THIS IS UNEVALUATED INFORMATION FOR THE UNITED STATES, STATES THE METICAL STATES THE STATES | 50X1-ŀ |
| SUBJECT Economic - Riectric power DATE DIST. Q Oct 1953 NO. OF PAGES 19 SUPPLEMENT TO REPORT NO. COLD SOCUMENT CONTRACTOR THE MATERIAL OFFICIAL | |
| SUBJECT Economic - Riectric power DATE DIST. Q Oct 1953 NO. OF PAGES 19 SUPPLEMENT TO REPORT NO. SUPPLEMENT TO REPORT NO. THE DOCUMENT CONTAINS INFORMATION AFFECTIVE HE SECTIONS 733 OF THE UNITED STATES, SITHIN THE MERCAL OF THE U.S. CONTAINS TO SECTION 733 AND TOL. OF THE U.S. CONTAINS TO DESCRIPTION OF THE LOSS CONTAINS TO DESCRIPTION OF THE PROPERTIES TO DESCRIPTION OF THE PROPERTIES TO DESCRIPTION OF THE PROPERTIES TO DESCRIPTION OF THE PROPERTIES. | |
| NO. OF PAGES 19 SUPPLEMENT TO REPORT NO FIRE UNITED STATES, STEVEN THE WEATHER OF THE METICAL DEFENSE AND 194. OF THE UNITED STATES, STEVEN THE WEATHER OF THE WEST OF THE U.S. COSI. AS ANEXODO. 115 TEACHESTION OR REFERENCE THE STATES AND ANEXODO. 115 TEACHESTION OF THE CONTENTS TO OR RECEIPT BY AN ANEXOTROPIES PERSON 19 LATION OF THE CONTENTS TO OR RECEIPT BY AN ANEXOTROPIES PERSON 19 LATION OF THE CONTENTS TO OR RECEIPT BY AN ANEXOTROPIES PERSON 19 LATION OF THE CONTENTS TO OR RECEIPT BY AN ANEXOTROPIES PERSON 19 LATION OF THE CONTENTS TO OR RECEIPT BY AN ANEXOTROPIES OF THE CONTENTS TO OR RECEIPT BY AND ANEXOTROPIES OF THE CONTENTS TO OR RECEIPT BY AND | |
| SUPPLEMENT TO REPORT NO. STILL DOCUMENT CONTAINS INFORMATION AFFECTING THE MATICAL DEFENSE OF THE CHIEF STATES, SITHIS THE MERINAN OF TILLE IT SECTIONS 793 OF THE CHIEF STATES, SITHIS THE MERINAN OF TILLE IT SECTIONS 793 OF THE U.S. COSI. AS AMERICAN. 115 TRANSMISSION OR SECTION OF THE U.S. COSI. AS AMERICAN OF THE CHIEF BY AS AMENICAN OF THE CHIEF BY AS AMENICAN OF THE CHIEF BY AN AMENICAN OF THE STATES | 50X1-ŀ |
| THIS IS UNEVALUATED INFORMATION AFFECTING THE SECTIONS THE SECTIONS THE DECEMBER OF THE U.S. COSIL, AS AMENDED. HIS TRANSMISSION OR SEVENAND 194. OF THE U.S. COSIL, AS AMENDED. HIS TRANSMISSION OF SECTIONS THE SECTION OF THIS CONTENTS TO OR DECEMPENT OF THIS 1980D 11 PROPERTIES. THIS IS UNEVALUATED INFORMATION THIS IS UNEVALUATED INFORMATION THE REPRODUCTION OF THIS 1980D 11 PROPERTIES. | 50X1-ŀ |
| THIS IS UNEVALUATED INFORMATION OF THE SECTION THE SECTIONS 725 OF THE UNITED STATES, SITHIN THE WERRING OF STATE SECTIONS 725 AND 194, OF THE U.S. COSI. AS AMENDOD. 115 TEADWHISTON OR STATE AND 194, OF THE U.S. COSI. AS AMENDOD. 115 TEADWHISTON OF STATE ANTION OF 1TS CONTENTS TO OR DECEMPENT BY AN UNAUTHORISED PERSON 15 LATION OF 1TS CONTENTS TO OR DECEMPENT BY AN UNAUTHORISED PERSON 15 THE REPRODUCTION OF THIS 1940 11 PROPRIETION. | 50X1-ŀ |
| THIS IS UNEVALUATED INFORMATION AFFECTING THE HAPTERAL DEFENSE, DET THE UNITED STATES, WITHIN VACUENNING OF TITLE IF SECTIONS 793 AND 194, OF THE U.S. COSE, AS AMENDED. ITS ISSANIVESION OR MINE LATION OF 1TS CONTENES TO OR RECEPT BY AN UNAUTHORIZED PERSON IS LATION OF 1TS CONTENES TO OR PETERFOR AND VALUETORIZED PERSON IS LATION OF THE REPRODUCTION OF THIS 200M IS PROPRIABILED. | 50X1-ŀ |
| and 194. OF THE U.S. CORL AS AMENDED. LATION OF THE CONTRATE TO BE RECEIPT BY AS AVAILABLED PEASON IS LATION OF THE SEPERABLETION OF THIS FORM AS PROPERTIES. OF THE SEPERABLETION OF THIS FORM AS PROPERTIES. | 50X1-ŀ |
| AND 194. OF THE U.S. CORI. AS AMERICAD. THE PROMETRY TO BE RECEIPT BY AS AMERICAD PERSON 13 LATION OF ITS CONTRATS TO BE RECEIPT BY AS AMERICAD PERSON 13 LATION OF THE PROPERSONALION OF THIS FORM IS PROSERVED. | 50X1-ŀ |
| OF STRUCTRIC POWER | 50X1-l |
| THE PRODUCTION OF ELECTRIC POWER IN THE SOVIET ZONE OF GERMANY | ex equietrii |
| THE PRODUCTION OF ELECTRIC POWER IN THE SOVIET ZONE OF GERMANY | |
| | |
| | 50X1-I |
| | 50×1-1 |
| | |
| | |
| | |
| | |
| | |
| Introduction The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the production of electric power in the Soviet The serious bottleneck in the serious bottleneck i | |
| | |
| racent years of the second party conference in the production of power, fines and | |
| STYPEN THE HEAD AND AND ALSO SWIFTEN AND AND AND AND AND AND AND AND AND AN | |
| upon an introduction Rau, Deputy Williams | |
| meeting in Halle, Heinrich Mau, Deputy | |
| Plan and in secting power." | |
| | |
| In Hovember 1952 Wilhelm Pieck Bald. plants. However, to be able to construct them we must first develop and plants. However, to be able to construct them we must first develop and plants. Hence, bearc industries as mining, mytallurgy, and heavy machine-building. | |
| | 50X1-l |
| | |
| | |
| STASSIFICATION 16-C-1-2-2 | |

Appendix of the second second

it is extremely important that all available power plants in the Republic be fully utilized in order to ensure industry, agriculture, transportation, trade, and domestic consumers an adequate supply of current."

The following report has been prepared from abundant official material from the State Flanning Commission, the State Secretariat for Coal and Fower, and other reliable sources of information. The report has been limited to a description of the present situation and to the development of the industry during the current Five-Year Flan (1951-1955). Information on previous developments and on the scope and effects of the dismantlings [following World War 11] is available in Annex I.

Organization

All plants and enterprises of the electric power industry in the Soviet Zone have been nationalized. However, many of these plants, especially the large enterprises, were formerly publicly owned. Only a small number of privately owned factories and businesses have control over small power-producing installations which supply current for their own needs.

The plants supplying electricity for the public are centrally controlled and administered by the Main Department for Power in the State Secretarist for Coal and Mower. The State Secretary for Coal and Power is Fritsch; the director of the Main Administration for Power is Adler. In addition, there are still a large number of small enterprises, especially current distribution enterprises, which are temporarily still under local ownership. A regulation of the power industry, dated 22 June 1949, states that these enterprises will eventually be taken over by the zonal administration. When this happens the communities will be deprived of the profits they have been drawing from the sale of current. In this manner a unified rate policy is to be made possible for the entire Soviet Zone. In addition to the public power plants, there are a large number of power plants owned by industries. These plants supply their own needs and only the surplus current is delivered to the public network. These plants are under the supervision of special ministries and state secretariats.

As of May 1952, there were 18 Soviet-owned power plants which played an important part in the production of power. The total capacity of these SAGS (Soviet Corporations) was about 1,420 megawatts. Through the restitution act of May /195217 this figure was considerably decreased. Almost all the coal mines and some of the important large chemical enterprises were transferred to the people-owned sector of the economy.

Annex II shows the number of power plants in the Soviet Zone, the installed capacity of each plant, and the distribution of the plants among the Laender of the Soviet Zone.

The plants subordinate to the Main Administration for Power in the State Secretariat for Soal and Power are distributed among five power Clatricts (designated according to the Soviet pattern), which have the status of VVBs (Administrations of People-Owned Enterprises). Annex IV consists of a list of these districts and the principal areas which they serve. The power districts are further subdivided into plant managements (see Annex VI).

The electric power industry also has its own repair plants, which are administered directly by the Main idministration for Power in the State Secretarist for Coal and Power. Annex VII contains a list of these repair plants.

8-2-0-2-2

Also of particular importance is the Central Design Office for the Electrical Industry, which was founded in 1949. The director of the Central Design Office for the Electrical Industry is Lawien; the main designer of Design Office for the Electrical Industry is Lawien; the main designer of turbines is Dipl Ing Kusy. This office is located at the EKM Bergmannturbines is Dipl Ing Kusy. This office is located at the EKM Bergmannturbines in Derlin-Wilhelmaruh and is administered by the director of the Main Administration for Power in the State Secretariat for Coal and Power

The Production of Electric Power

It is well known that the supply of electric power in the Soviet Zone is dependent upon production capacity and that the distribution network is not capable of fulfilling the needs of industry and of the population at all times and all places. The Soviet Zone authorities admit that there is need for the strictest control over the allocation of current and over need for the strictest control over the allocation of current and over planned or nonplanned power cut-offs, especially during peak load periods planned or nonplanned power cut-offs, especially during peak load periods planned or nonplanned power cut-offs, especially during these peak periods installations and the population to cut consumption during these peak periods unstallations and the population to cut consumption during these peak periods unstallations and the population to cut consumption during these peak periods unstallations and the population to cut consumption during these peak periods installations and the population to cut consumption during these peak periods installations and the population to cut consumption during these peak periods installations and the population to cut consumption during these peak periods installations and the population to cut consumption during these peak periods in the Soviet Zone have been held for the purpose of discussing the critical power shortages. At the last such meeting, held at Halle 21 September 1952, Heinrich Rau discussed this matter at great length.

Annex I indicates that the Soviet Zone production of electric power in kilowatt-hours increased steadily after 1945. In fact, the planned production for 1951 was slightly exceeded. Available information indicates that the 1952 plan will not be fulfilled. The fact that actual production during the first two years was equal to planned production does not mean that requirements were actually covered, especially during the peak load periods. It is evident that the planned production figures for electric power in kilowatt-hours were determined on the basis of production capacity, not on the actual needs of the commined on the basis of production capacity, not on the actual needs of the commers, which are considerably higher than the planned figures. This mistake can be attributed to the fact that the capacities of the power plants could not be exceeded and the so-called "power consumption norms" of the consumers were too low. This fact was confirmed by Ecinrich Rau in a speech before the Soviet Zone Volkskammer (People's Chamber) in March 1952. The following quotation is taken from that speech:

"Since no exact balance has been established between production figures for the Pive-Year Plan and the present and future capacities for attaining these figures, it is apparent that balancing mathods have not been sufficiently developed. The absence of this briance reflects the lack of qualified personnel in the udividual ministries."

It is evident from this admission of Deputy Minister-President Rau that the same mistake was made in setting up the Five-Year Plan, since the planned increase for the production of electric power is not in proportion to the development of the principal consumer industries. The Five-Year Plan law, of 1 Kovamber 1951, the principal consumer industries. The Five-Year Plan law, of 1 Kovamber 1951, the principal consumer industries of show an increase of states that the production of electric power in 1955 is to show an increase of 176.8 percent over the 1950 production. The following percentage increases have been planned for the most important consumer industries for the same period:

| | 1927 |
|-----------------------------|---------|
| Total industrial production | 253.6% |
| Metallurgy | 214.8 |
| Machine building | 189.35 |
| Ricctrical engineering | 204.4\$ |
| Chemical industry | 183.7 |
| Textile industry | 199.6 |
| Light industry | 1935 |
| Sulfuric acid | 6465 |
| Scdn ash | 2045 |
| Gesoline | 287.95 |
| Cement | |
| | |

- 3 -

addada

S-E-C-R-E-T

In order to balance this disproportion between production and requirements it will be necessary to make some revisions by the end of the Five-Year Plan period. Either the production of electric power will have to be increased or the consumption will have to be reduced; in the latter case, however, the planned goals of the consumer industries will be endangered. Annex III shows planned goals of the consumer industries will be endangered. Annex III shows planned goals of electric power to the individual consumer industries in the consumer industries in the

The Five-Year Plan law states the following concerning the problem of maintaining the current supply in the Soviet Zone: "In order to solve this problem it is necessary to utilize fully all the existing capacities of the electric power industry and to create new capacities. In the course of the electric power industry and to create new capacities. In the course of the electric power industry and to create new capacities. In the course of the electric power Plan, the disproportions between boiler and turbine installations five-Year Plan, the disproportions between boiler and turbine installations must be eliminated by the reconstruction of existing boiler aggregates and the construction of new boiler installations; moreover, all hydroelectric and pusping plants must be completely overhauled. The most important pre-equisite for fulfilling the increasing electric power requirements of the economy is the strictest economy in the consumption of current by the consumers and electric power plants."

In this connection the following measures have been drawn up:

- 1. Increase in production capacities by general overhealing and reconstruction of existing installations; construction of new power plants; and appropriation of surplus current from industrial plants and the feeding of this current into the public network.
- 2. Reconstruction, expansion, and consolidation of the power supply network covering the entire Soviet Zone.
- 3. Restrictive measures designed to reduce the consumption of current by means of allocations and by lowering the current consumption norms.

Power Plants

Electric power is produced in the Soviet Zone almost exclusively in steam power plants. The small number of diesel and hydroxlactric plants are of little importance. The large resources of brown coal in the Boviet Zoar are the most important source of electric power. Of the 21.5 billion kilowatt-hours produced in 1939, 13 percent was produced by power plants operating on black coul, 2.3 percent by hydroelectric plants, and 64.7 percent by plants operating on brown coal. As a result of the shortege of black coal, plants formerly operating on black coal have now been converted to brown coal. In 1951, electric power plants consumed 43,580,000 tons of cruds brown coal, 3,570,000 tons of brown-coal briquettes, and 2,240,000 tons of brown-coal low-temperature coke. The production of electric power for public consumption depends mainly on the large power plants which were constructed to operate with coal, and also on a large number of smaller plants of local importance. In addition, industry, particularly the coal-mining industry, controls a considerable number of plants for supplying their own needs. Fublic plants accounted for 38 percent of the total power production in 1936 and 5; percent of the total in 1948. The latter figure includes the production of the SAG Repenhain Power Flant. On the other hand, private plants produced 42 percent of the total power production in 1936 and 53 percent of the total in 1948. The purcentage figure for 1948 includes the remaining sad power plants. The difference between the two years is due to the fact that plants producing power for public consumption were affected more by dismantlings. Ho basic changes have occurred since 1948 because the reconstruction of public power plants after 1948 was accompanied by a corresponding increase in the utilisation of private installations.

8-2-1-3-2-2

S-E-C-R-E-T

The Soviet Zone officials have ordered that all available installations be be fully utilized and that the surplus current of private installations be made available for public consumption. However, technical and economic reasons have made it difficult to bring about the full utilization of private installations.

Industrial power plants operate almost exclusively as back-pressure plants, because the exhaust steam from the turbines is needed for various manufacturing processes such as the production of briquettes. Therefore, the production of electric power is to a great extent dependent upon the quantity of exhaust steam required at certain times of the day and at certain operating periods Moreover the production costs for current in back-pressure plants are lower than in condensation plants. The SAC power plants have up to now opposed the uneconomical full utilization of capacities However, the crisis in the supply of electric power has now forced these plants to utilize their capacities fully in accordance with the demands of the Soviet officials Even very small power plants, which hitherto have been idle, have been put into operation again and are supplying current for the network. This is particularly true in the case of hydroelectric stations and steam power plants which were put out of operations for economic reasons. These small plants are to be given a preliminary inspection to determine whether it would be more advantageous to install the idle machinery and materials in larger power plants In summer 1952, the Main Administration for Power of the State Secretariat for Coal and Power conducted a careful inspection of these plants and reported that the total capacity of idle installations was 328 megawatts. This equipment was found principally in plants of the textile industry By the beginning of December 1952, equipment with a capacity of The megawatts had been overhauled, repaired, and put into operation. The fact that many of these small installations were obtained from the textile industry proves that the installations are old, out-of-date, and uneconomic. This emergency action indicates that, in the planned economy of the Soviet Zene, economic considerations must be disregarded in favor of definite production goals. Annex V contains a list of the most important power plants and their installed capalities.

The available installations are forced to operate at full capacity 28 if they were new. Repairs are carried out hastily unless longer breakdowns are occationed by shortages of spare parts. General repairs to equipment are continuall postponed until the machinery or parts of installations break down. While 4: 936 the Everage length of time that installations were is use was 3,000-3,500 hours yearly, the 1951 average was 5,600-5,700 hours yearly. This meant that some installations had to be operated up to 6,500 hours in order to achieve this yearly average. Soviet Zone officials heretate to continue this overloading, and they are requesting a reduction in the opersting time to 5,000 hours yearly. This figure is still 25 percent above the normal operating time for modern installations, which is 5,000 hours yearly. However, most of the installations in the Seviet Zone are old, out-dated, and uneconomical to operate. Any reduction in the operating time of installations must not result in a decrease in the planned output. This means that now composition must be created by the legiming of 1955 so that the installed capacity of the power plants will be large enough to produce 33,410,000,000 kilowatt-hours during an operating period of 5,000 hours. The 1955 power plant capacities listed in Annex I, but not mentioned in the Five-Year Flam, were considered to be the minimum necessary to reach this goal.

In order to attain this increase in capacity, almost all the large power plants in the Soviet Zone are to be reconstructed. Mainly steam-generating installations are to be reconstructed, in order to eliminate the disproportion which till now has existed between the boiler capacity and machine capacity and to utilize fully the machine capacity.

- 5 -

원-불-C-로-로-조

S-B-C-B-E-T

Moreover, certain changes have been planned, which are designed to create efficient installations. For example, plans call for the transfer of equipment from the Harbke power plant, which has operated on black coal from West Germany, to other plants. This action is especially necessary since the breakdown of the Karbke plant has necessitated the construction of a new power plant in West Germany Harbke formerly exported power to West Germany. Several new steam power plants are to be built for supplying the public with current. The reconstruction of the completely dismantled Elbe Power Plant in Vockerode has been started. This project is to be completed by 1954 at the latest; with a capacity of about 300 megawatts, the Ribe Power Plant will be the largest and most modern power plant in the Soviet Zone, in fact, in all of Germany. The Trattendorfand Berzdorf projects will be started in 1953: on completion, the Trattendorf plant will have a capacity of 450 megawatts and the Berzdorf plant will have a capacity of 150 megawatts. In addition, the construction of a large power plant which will operate on salt coal is planned for Geisetsl near Halle; the technical prerequisites for such a plant exist, and are to be tested. The plant will use coal from the Merseburg district with a salt content of 60 percent.

New industrial power plants are also under construction; for example, a 20-megawatt plant for the Lauchhammer Large-Scale Coking Plant, a 20-megawatt plant for the Calbe Metallurgical Combine, and a 40-magavatt plant for the Plant for the cause accounting to the fuer standers power plant will Rast Metallurgical Combine in Fuer standers. The Fuer standers power plant will also supply current for the "first socialist city in the Soviet Zone," which is being built at that location.

In comparison with the new steam power plants, the new hydroelectric stations will be of lesser importance. On 1 September 1952, the foundation stone was laid for the Rapphode dam, which will have a storage capacity of 110 million cubic meters and will be the largest of the 11 dams planned for construction in the Earz. The main purpose of this 6am will be to supply water, but it will slso supply water power to the 20-megawatt "peak" power plant [1.e., a plant to operate at peak periods only] to be constructed at Thale. However, the completion date of this project cannot yet be determined. More than 200,000 tons of cement will be needed for the construction of this dam; this figure is more than 12 porcent of the total production of cement planned for the year -- /illegible/.

The Distribution Network

The network and the switch and transformer stations had suffered considerable losses as a result of the dismantlings after 1945. However, the plan of the Main Administration for Fower to construct a consolidated network covering the entire Soviet Zone will be facilitated by the centralization of the over industry. All power-producing plants are to be connected to the network; this includes not only the public power plants but also the industrial power plants.

The high-trasion network of the Soviet Lone was built according to the confolidated requirements of an all-German sconomy without regard to zonal borders and the Oler-Feirse line. The high-tension network operates on voltages of 220, 110, and 40-60 kilovolts. The 220-kilovolt like belongs to the power-pool circuit covering all of Germany and passes through the Soviet Zone from Helmsteat by way of Magdeburg, Dieskau, and Remytendor? to Bavaria. Since the connection with West Germany is at present cut off, port of the line in the Soviet Zone is being operated with lic kilovolts.

The 110-kilevolt network covers the entire Soviet Zone and together with the 220-kilovolt network it serves as a connecting line for power plants operating as power pool. There are sections of the network with operating voltages of 40-60 kilovolts for the transmission of small and medium power

- 6 -

일본관련결절

· in the state of the

8-E-C-E-E-T

capacities over relatively short distances. In recent years, a number of new 110-kilovolt lines have been put up for purposes of increasing armaments production. For example, two new high-tension lines have been set up from the large power plants at Boehlen and Espenhain near Leipzig to the Erzgegirge to supply the uranium mines of the Wismut Corporation. Also, a 110-kilovolt line between Greifswald and Stralsund was put into operation and at the same time the operating voltage of the line from Stralsund to Bergen, on the island of Ruegen, was increased from 15 to 50 kilovolts. The 110-kilovolt line connecting Greifswald with Peenemende serves to connect the rockettesting station at Peenemende with the high-tension network. The 110-kilovolt line running from Stralsund to Rostock is to be extended to Guestrow, where it will be connected to the high-tension network extending from Guestrow and Soviet and Bast German naval bases, will be connected to the large Soviet Zone high-tension network.

Another important project is the 110-kilovolt closed circuit system around Berlin The transformer station was formerly located in Spandau, in the British sector of Berlin, and was later moved to Soviet territory The northern part of the system and the terminal station have been completed; the terminal station will connect the Klingenberg and Rusmelsburg power stations in the Soviet sector with the system. The southern part of the system, by-passing the western sectors of Berlin, has not yet been completed

The medium-tension network, which has an operating voltage of between 5 and 20 kilovolts, connects individual cities and communities as well as large industrial installations.

The low-tension network, which supplies coverent to medium-size and small consumers, operates mostly on a standard voltage of 380 volts. There are only small sections of the distribution network operating on 220 and 110 volts elternaing current. There are also a few isolated direct current networks operating on 220 and 110 volts.

As far as the technical aspects are concerned, the high-tension network an still be considered satisfactory. However, the condition of the mediumtension network is extremely poor. The replacement of the iron cables which were laid before the war is urgently needed. In addition, the switch and transformer installations are quantitatively and qualitatively unsatisfactory. There are even shortages of current meters and industrial ani household equipment. The cross-sectional area of the lints must also be increased in order to be able to carry the constantly increasing quantities of power.

The replacement and maintenance projects and the construction of new network sections are continuing; however, the carrying out of these projects is hindered considerably by shortages of meterials. The principal bottlenecks are steel and impregnated wood for towers for overhead transmission lines; copper, aluminum, and iron cable; transformers; and switching installations.

Line connections between the Soviet Zone and the Federal Republic of Germany are open only occasionally; the following is a list of these connections: 220-kilovolt connection, Helmstedt - Central Germany - Bavaria (Harbke - Dieskau - Remptendorf); llo-kilovolt connections, Hast Hannover (Harbke - Dieskau - Remptendorf); llo-kilovolt connections, Hast Hannover (Power Plant (British Bone) - Hagenow - Homigsdorf - Spandau (British Sector of Berlin), Land dessen (US Zone) - Breitungen Fower Flant (Soviet Zone), Magdeburg - Spandau, Zschornewitz - Spandau, Hombers - Mof (US Zone); 30-kilovolt connection, Luebeck - Schoenberg - Wismar; and 15-kilovolt connection, Land Brandenburg - Gatow (army air field) - Bewag.

8-X-C-R-X-T

The high-tension lines from the Soviet Zone to areas beyond the Oder-Neisse line, now under Polish administration, have been almost completely dismantled. A connection with the Swinsmusnde transformer substation still exists; this line serves the island of Wsedom and the city of Swinsmusnde, and supplies current for the coastal and harbor lights and for Soviet neval base. The Soviet Zone power plant at Hirschfelde, which obtains its supply of coal from Poland, also delivers power to Silesia. In addition, there are a few connecting lines of local importance only; these lines deliver only a small amount of current from the Soviet Zone. The Soviet Zone also transmits electric power to Czechoslovakia. The Hirschfelde Power Flant sends current to northern Bohemia. Moreover, the power plants in Bruex [Most], Teplitz [Teplice], and Falkenau [Sokolov] on the Czechoslovak side of the Erzgebirge are not capable of meeting the increased requirements of the Czechoslovak uranium mining industry, which, therefore, must obtain power from Chemnitz and Aue.

The Fower Quota System and Load Dispatching

Annex III shows the 1952 consumption of power in the Soviet Zone by the individual authorized consumer industries. The discrepancy between power production on the one hand and actual requirements of power on the other will become even greater during the course of the Five-Year Plan The Soviet Zone officials are completely aware of the extent of this discrepancy. According to the Five-Year Plan law, of 1 November 1951, the most important prerequisite for insuring a satisfactory supply of power is the strictest economy in the use of current by consumers and electric power plants. The measures to be taken in this connection are to be found in various regulations and directives.

The principal measure is the allocation and control of the consumption of power, as well as the shifting of consumption from peak periods to night and slow periods during the day and to Sundays and holidays. The State Secretariat for Coal and Fower has ordered that the usual power requirements for peak load periods must be reduced by at least 30 percent during the winter of 1952 - 1953. Memspapers publish a daily list of these periods. Plants operating on one and two shifts must satisfy 50 percent of their requirements during the period 2130 0615 hours. Plants operating on three shifts will be allowed to receive as much as one third of their requirements between 1400 and 2200 hours, but they must obtain at least one third between 2200 and 0600 hours. Agricultural installations are not permitted to use cleatric power between 2600 and 1300 hours or from a half hour before sunset until 1200 hours. The supply of power for the civilian population is severely curtailed by planned and complanned cut-offs during peak periods and during the evening hours.

However, in spite of this regulation concerning the allocation of current, overloading cannot be avoided by means of planned cut-offs. Hence, an organization of load dispatchers has been formed in the Soviet Zone which is subordinate to the Main Administration for Power. The main load dispatcher in Berlin is concerned with allocations to the new districts (Resirke) created in 1952; in turn the Besirk load dispatchers make allocations to the Kreise, cities, and communities; the latter than make allocations directly to the consumers. The load dispatchers are suthorized to make nonplanned cut-offs to maintain the frequency and voltage and whenever it appears that the network is becoming overloaded.

Other measures designed to bring about a reduction in the consumption of power are: 1) limiting the kilowatt-hours of power consumed by lowering the power-consumption norms of certain manufacturing processes; 2) rational use of power, 1.2., adapting the power of motors to the power requirements

-8-

| -5 | O | X | 1 | _F | 4 | П | N. |
|----|---|--------------|-----|----|---|---|----|
| ာ | U | \mathbf{N} | - 1 | -[| 1 | U | ı٧ |

of machinery by transferring motors within the plants and between plants;
3) avoidance of losses due to the idle running of machinery; 4) full
compensation for wattless current; 5) replacement of transmissions by
single drives; 6) elimination of unnecessary lighting and the use of
electricity for heating purposes.

According to law, all plants must have specially trained power engineers who are charged with supervising the execution of these measures and with the development of additional economy measures. The execution of these measures and the observance of regulations are currently under the control of supervisory groups of the state, the trade union, and the SED. Monobservance of these measures will result in severe penalties.

Labor Force

At the beginning of December 1952, the number of workers in the electric power industry totaled 30,125. This figure includes all persons employed in an active capacity in the electric power industry.

After 1945, the experienced specialists of the interregional power supply enterprise were available for the newly organized power districts. As Annex IV shows, the supply districts of this enterprise corresponded approximately to the newly created power districts. In the meantime, the situation has become the newly difficult, since many of the specialists have fled to the West. It extremely difficult, since many of the specialists have fled to the West. It was impossible for them to bear the responsibility for the precarious situation in the electric power industry which was placed upon them by the Communist regime and the Soviet officials, since they had not been informed of the actual difficulties involved.

It is a characteristic of the Communist system not to recognize objective difficulties under any circumstances but to place the blame for failures in the planned economy on the officials concerned with the situation. Since it is not possible to obtain sufficient materials, attempts are being made to increase production by the exploitation of human beings. This is being accomplished by production by the exploitation of human beings. This is being accomplished by the so-called activist movement and brigade work. The plant competitions, which are constantly conducted, closely resemble a slave system. At present, a competition campaign is being conducted among 15 of the largest power plants in the Soviet Zone. Six lines completely illegible.

- of power are bound grawn up; instead of solving the problem, these plans will simply mean the necessed exploitation of human labor. The Leignig district drew up the first campaign plan listing the following measures:
 - 1. New sources of power must be discovered.
- 2. Network losses must be made lower than the standards set up in the plan for yeopla-caned enterprises.
- 3. Every industrial plant and next up and carry out its own plan for accommizing on the consumption of power.
- 4. Interplant cooperation must be established for carrying out repair work in industrial power installations.
- 5. All domestic consumers must be united in their efforts to economise on current consumption.

Special brigades, under the supervision of the Besirk load dispatcher, have been established to carry out these objectives.

- 9 -

1-1-2-1-2-2

50X1-HUM

Power Equipment Industry

The electric power industry is obligated to maintain the present production level. For this purpose, considerable replacement and maintenance requirements have been placed upon all branches of industry. Losses which occurred during the war must be replaced. In addition, it is necessary to increase capacities in order to carry out the planned production increases by 1955.

The carrying out of these measures requires a competent industry for the supply of equipment. At present such an industry does not exist in the Soviet Zone. Formerly, German power plants, including those now under Soviet control, received supplies of turbosets and steam boilers predominantly from West German heavy industry; however, this situation no longer exists.

In 1949 the Central Design Office of the electric power industry was established. This office, which is directly under the Main Administration for Power, is located in Berlin-Wilhelmsruh at the Bergmann-Borsig plant. The duties of this office are extremely important. It maintains constant supervicion over repair work and competence of the plants. It also takes care of vicion over repair work and competence of the plants. It also takes care of the procurement of replacement parts, mainly from West German firms. When the procurement of replacement parts are not available, the Central Design designs for various machinery parts are not available, the Central Design Office produces the designs and arranges to have the parts made in the Soviet Office Produces the designs and coordination of repair work naturally has many Zone. This central control and coordination of repair work naturally has many advantages. Another duty of the Central Design Office is to examine the possibilities for introducing changes which will serve to strengthen the capacity of the installations.

The Central Design Office is also charged with drawing up plans for new power plants; as a basis for this work, the office makes use of the preliminary plans for the so-called "German Standard Power Plants" which were begun during the war. This work involves the setting up of definite type designations and the designing of power plant equipment, such as boiler installations, steam turbines, generators, pumps, etc., in order to bring about a standardization of power plants.

There are a number of repair shops for the power industry (see Annex VII); these shops are directly under the Main Administration for Power and they work closely with the Central Design Office. Furthermore, who Central Design Office is in close contact with plants supplying equipment for the electric power industry; this is evident from the fact that the office is located at the industry; this is evident from the fact that the office is located at the Bergmann-Borsig plant, the most important supplier for the power industry.

As indicated above, the industries supplying equipment for the power industry were located for the most part in West Germany. The supplier plants in the Soviet Zone were almost completely dismonthed. For this reason special significance is given to the development and expansion of the heavy machine-building industry during the Five-Year Plan period 1951-1955 and to branches of the electrical engineering industry which play an important role in supplying the pheetric power industry which play an important role in supplying the pheetric power industry with machinary and equipment. It was, therefore, stated that the heavy machine-building industry was to have highest priority during 1951 and 1952, heavy machine-building industry was to have highest priority during 1951 and 1952. Certain plants were designated as key plants (Schwerpunktbetriebe or S-5-Betriebe) and were placed directly under the Ministry of Machine Building and Electrical and were placed directly under the Ministry of Machine Building and Electrical Goods and were placed freetry and Iron Foundry; Meetens Steam Boiler Plant; Homesthurm Goerlitz Machine Factory and Iron Foundry; Meetens Steam Boiler Plant; Homesthurm Steam Boiler Plant; Homesthurm Steam Boiler Plant; Hennigsdorf Locomotive Construction and Electrical Goods Plant (LEW); Oberschoensweide Transformer Factory, Berlin-Oberschoensweide; Dresden Transformer and X-Jay Flant.

- 10 -

844444

3-8-C-R-E-T

Other important supplier plants are those under the VVB EKM (Administration of People-Owned Enterprises for the Construction of People-Owned Machinery and Motors) and the VVB VEM (Administration of People-Owned Enterprises for the Construction of Electrical Machinery). Plants under the VVB EKM construct steam-generating installations, steam and water turbines, and pumps. Plants under the VVB VEM build generators, transformers, etc.

The most important of the key plants listed above is the Bergaann-Borsig plant in Berlin, which builds complete power plants and reportedly produces turbo-generators and steam-generating installations

Pollowing are the most important categories of power plant equipment and the plants producing them:

The average capacity of boiler-producing plants is about 30 boiler installations /per year?/, each installation having a capacity of 60 tons and 100 atmospheres gauge pressure. However, low-pressure boilers and forced-circulation boilers in relatively small dimensions are produced in larger numbers. The capacity for the construction of maximum-pressure boilers is not fully utilized bacause of shortages in sheets, drums, tubes, and alloyed material of satisfactory quality and in the required dimensions alloyed material of satisfactory quality and in the required dimensions. Besides the key plants mentioned above, the SAG Wolf-Buckau in Magdeburg and Besides the key plants mentioned above, the production of maximum-pressure SAG Polysius in Dessau are also engaged in the production of maximum-pressure boilers. Before 1945, SAG Wolf-Buckau had an efficient boiler-construction department; however, this department was not reconverted to the construction of boilers until 1949. The construction of boilers at the Polysius plant was not resonant until 1951. The latter plant works closely with the Wolf-buckau plant

Heating installations, coal crushers, dust filters, water purifiers, air and water preheaters, superheaters, and other boiler fixtures are produced in sufficient quantities at plants under the VVB EEM. Boiler feeders for high pressure and for maximum pressure are produced by the EEM Halle Pump Flant and by the forzer SAG, and now a people-owned enterprise, Jasger-Plagettz. Steam-and water-control installations, mechanical and hydraulic, are produced by Machanik Askania in Berlin-Feitow, one of the key plants.

The asin plants for the construction of pipelines are the Seiffort plant in Eberswalde and the Kramssmenn plant in Ditterfeld, both under the feld TEM. These plants suffer from serious shorteges of tubing.

Repairs to old-model steam turbines, produced mainly in West Germany, are done at the Bergmann-Borsig plant. The production of new steam turbines dationed according to the standardised system of types set up by the Central Design Office is distributed among the following plants: Up to 5,000 kilowatts, Design Office is distributed among the following plants: Up to 15,000 kilowatts, EMM Dreeden Turbine Fectory (formerly, Branckmer-Kanis); Up to 15,000 kilowatts, Goorlitz Machine-Building Plant (formerly, Branckmer); and Orac 15,000 kilowatts, Dergmann-Borsig, Berlin.

Go far only one new turbine has been produced; this turbine, which has a capacity of 12,500 kilowatts, was produced by the Goerlitz Machine-Building Plant and was exhibited at the Leipzig Fair. Other steen turbines of 12,500 and 25,000 kilowatts are under construction at the Goerlitz plant and at the gramman-Boreig. Bergmann-Boreig to also building a 50,000-kilowatt turbine. These projects are to be completed during the first half of 1953. The steel castings for the turbine casings are being produced at the Hennigsdorf Steel Kill. Steam-turbine blades are produced mainly at the Goerlitz Machine-Building Plant.

- 11 -

o 등 선생들 것

3-R-C-R-E-T

Up to now, the capacity for the construction of hydroturbines has not been fully utilized; however, the construction of this type of turbine will be intensified, since the small hydroelectric plants which up to now have been idle will again be put into operation. These turbines are to be standard models with a flow rate of 0.1-10 cubic meters per second and a hydraulic height of 3-10 meters, since these models are best suited to the Central German water conditions.

Generators are constructed at the Bergmann-Borsig plant and at the Hennigsdorf Locomotive Construction and Electrical Goods Plant (LEW). No significant advances have been made in the production of generators because of a critical shortage of skilled workers.

The most important plants for the construction of transformers, including current transformers and instrument transformers, as well as oil switches and current transformers and instrument transformers, as well as oil switches and current transformers and transformer factory (formerly Koch in Berlin-Oberschoeneweide and the Dresden Transformer Factory (formerly Koch and Sterzel). It is especially noteworthy that the Oberschoeneweide Transformer and Sterzel). It is especially noteworthy that the Oberschoeneweide Transformer Factory has a high-tension research institute with a high-capacity testing area for making short circuit tests up to a million volts. These installations are located in a rachine shed of the former Obersyree Power Plant.

Electric cables and lines of all types constitute a bottleneck in the Soviet Zone; this bottleneck is caused by shortages in the supply of raw materials.

Investments in the heavy machine-building industry are far below plans, and hence there is a lag in production. Since the actual production of power machinery is considerably below the planned figures, the electric power industry does not receive all the equipment it needs. These shortages have dustry does not receive all the equipment it needs. These shortages have been aggreeated by higher reperations deliveries ordered by Soviet officials; been aggreeated by higher reperations deliveries ordered by Soviet officials; much of this equipment goes to Poland, which also must expand its power industry. Because of the existing shortages of machine tools, materials, and skilled workers in the Soviet Zone, it cannot be expected that increased expansions will enable the supplier industries to provide enough equipment expansions will enable the supplier industries to provide enough equipment and material for the electric power industry during the current Five-Year.

Aunex I

Power Plant Capacitics and Power Production in the Soviet Zone (1936 - 1935)

(Power plant especities in megawatts; power production in millions of kilowatt-hours.)

| | | Installed Power | Effective Power Plant Cavacity | Production of |
|------|---------|-----------------|--------------------------------|---------------|
| Year | | | 14,000 | 13,000 |
| 1936 | Actual | 4,500 - 5,000 | .,,,,, | 21,500 |
| | Actual | 7,100 | - | 21,700 |
| 1939 | AC COM | | 7,000 | - |
| 1944 | actual. | 8,130 | | 6,400 |
| 1945 | Actual | * | • | **** |
| | | • | • | 11,100 |
| 1946 | Actual | | 2,500 | 13,300 |
| 1947 | Actual | 4,000 - 4,400 | 2,700 | |

- 12 -

8-전-선-램-판-캠

| | | Installed Power | Effective Power Plant Capacity | Production of Electric Power |
|-------|----------|-----------------|--------------------------------|---------------------------------|
| Year | | | 2,400 | 15,400 |
| 1948 | Actual | • | · | 17,300 |
| 1949 | Actual | • | 2,900 | 18,800 |
| 1950 | Actual | - - - | 3,300 | 21,217 |
| 1951 | Planned | | 920 | 21,326 |
| 1951 | Actual | 4,719 | 3,810 | 23,462 |
| 1952 | Planned | | . 100 | 23,100* |
| 1.952 | Actual | 4,794 | 4,120 | 33,434 |
| 1955 | Flauned¥ | * 7,000 - 7,500 | 6,500 | secretal to |

^{*} As of 30 September 1952 the production of electric power amounted to 16,888,000,000 kilowatt-hours. The production for the remainder of the year has been estimated on the basis of available information.

Annex II

Installed Capacity of Mechinery (in megawatts) as of the End
of 1952

| | Meck- len- Burg | Bran- den- burg | Sach- sen | Sach- sen- Anhalt | Thuerin- gen | Berlin | Total. |
|----------------|-----------------------|-----------------------|--------------|-------------------------|-----------------|--------|--------|
| SAG plants | • | 22 | 288 | 427 | • | • | 737 |
| | | 1.30 | 318 | 454 | 117 | - | 1,019 |
| Mining plants | 16 | 25 | 230 | 612 | 162 | - | 1,045 |
| Other industry | - | 243 | 428 | 655 | 289 | 326 | 1,993 |
| Public plants | 52 | 243 | | | 568 | 326 | 4,794 |
| Total | 68 | 420 | 1,264 | 2,148 | 900 | سير | ,,,, |

The Number of Flants as of the End of 1952

| | Meck- len- burg | Bran- den- burg | Sech- sen | Sech- sen- Anhalt | Thuerin- | Berlin | Total | |
|----------------|-----------------------|-----------------------|--------------|-------------------------|------------|--------|------------|--|
| SAG plants | - | 7 | 1 | 4 | - | - | 6 | |
| . | | 2 2 | 21 | 35 | <u>1</u> 6 | - | 92 | |
| Mining plants | - | 22 | | _ | 020 | - | 1,118 | |
| Other industry | 13 | 25 | 582 | 265 | 232 | - | · | |
| | 14 | 23 | 32 | 41. | 77 | 2 | 189 | |
| Public plants | | 23 | • | | 202 | 2 | 1,405 | |
| Total | 27 | 72 | 636 | 345 | 323 | • | , , | |

- 13 -

8년년링됐다.

^{**} The figures for the production of electric power in 1955 were set forth in the Five Year Plan law of 1 November 1951. The figures for the installed and effective capacities of power plants were estimated to be the minimum required for an average operating period of 5,000 hours per year.

Annex III

Power Consumption in the Soviet Zone by Authorized Consumers In 1952

(in billions of kilowatt-hours)

| Consumer Group | 3.81 |
|--|-------|
| Chemical Industry | 3.52 |
| Mining | 2.72 |
| Fuel Industry | 2.29 |
| Power plants' own requirements, and losses | 3.94 |
| Other industries and businesses | 1.92 |
| Occupation Force | 1.68 |
| Transportation and Public Services | 0.81 |
| Agriculture | 2.41 |
| Domestic consumers | 23.10 |
| Total | |

Power consumption Figures are based on actual distribution during the first three quarters of 1956 and on the planned distribution. Cally slight changes in these figures will be made during the remainder of the year.

Annex IV

Agencies Responsible for Interregional Fower Supply

1. The present organization of people-owned power plants in the Soviet Zone:

Alministrative office: the independent State Secretariat for Coal and Power, Berlin W 3, Leipzigerstrasse 5-7.

| Power Districts | Supply Resigne |
|--|----------------------|
| | Brandenburg |
| Central district, Berlin W8, Friedrichstrasse 194/99 | Sachsen |
| Bast district, Dresden N 24, Bayrischer Plats 2/6 | Sechsen-Arhalt |
| West district, Helke/Saale, Grosse Steinstrasse 74 | Thurringsu |
| South district, Weiser, Stelinstrasse 13 | Mecklenburg |
| North district, Rostock, St. Georgylatz 6/7 | |
| North district, moser surely enterprises prior to 1 | 342 serving approxy. |

2. Interregional power supply enterprises prior to 1945 serving approximately the sens regions of above:

_ 1k =

오른오른국조

8-E-C-R-K-T

Firm

Ownership

Rlektrowerke AG

Ving. Reich property. 100-percent Public-owned

ASW AG Seechsische Werke

Lend Sachsen. 100-percent public-cwned

EBAG Elektrizitaetsverk Sachsen-Anhalt AG

Province Sachsen. Land Anhalt. Elektrowerke AG (see above) German Continental Gas Company. Predominantly publicowned.

Thueringen Werk AG

Land Thusringen. ASW Saechsische Werke (see above) Preussische Elektrizitaets AG. 100-percent public-cyned

MEW Maerkisches Elektrizitaetswerk AG

Province Brandenburg, Province Pommern. Land Mecklenburg. 100percent public-owned.

Anney V

The Most Important Power-Producing Plants in the Soviet Zone and Their Capacities

(as of the end of 1952)

| Plant | Installed Capacity (in megawatts) |
|--|-----------------------------------|
| and projects | 196.8 |
| Boehlen, Sachsen | 288.0 |
| Espenhain, Sachsen (SAG) | |
| Deuben Coal Plant, Sachsen-Anhalt | 63.62 |
| Concordia Coal Plant, Sachsen-Anhalt | 49.3 |
| Emanuel Coal Plant, Sachsen-Arhalt | 37.2 |
| Bitterfeld Chemical Plant, Sachsen-Anhalt | 218.0 |
| Troughitz Gasoline Flant, Sachsen-Anhalt (SAG) | 68. 7 |
| Wolfen Vilm Factory, Sachsen Arbelt (SAG) | €7.2 |
| | 41.3 |
| Wolfen Dys Works, Sachsen-Anhalt | 192.7 |
| Schkopeu, Sechsen-Anhelt (SAG) | 98.2 |
| Leura, Sechen-Anhalt (SAG) | • |
| Heiligenrode Potesh Works, Thmeringen | 9.8 |
| Kaiserroda Putash Works, Thueringen | 46.6 |

- 15 -

\$44444

8-8-C-R-E-T

| | Installed Capacity (in megawatts) |
|---|--|
| Plant | 4.6 |
| Bismarckhall Potash Works, Thueringen | 9.4 |
| Bleicheroda Potash Works, Thueringen | and the second strain of the second s |
| Volkeroda Potash Works, Thueringen | 5.2 |
| Sollstedt Potash Works, Thueringen | 2.9 |
| Schwarzheide Hydrogenation Plant, Brandenburg (SAG) | 22.0 |
| Klingenberg, Berlin | 248.0 |
| Rumanelsburg, Berlin | 78.0 78 |
| Steam Power Flant at Finkenheerd near Frankfurt/Oder, Brandenburg | 85. |
| Lauta Steam Power Plant, Brandenburg | disk for Villian i som frå er et i 1 Stationer |
| Dresden Plant Directorate, Fritz Heckert Platz 7, Sachsen Dresden Power Plant Dresden-Albertstadt Power Plant | 126 |
| Hirschfelde Plant Directorate, Sachsen Hirschfelde Large-Scale Power Plant Zittau Fower Flant, Grottaue Strasse (main plant, 137.7 megawatts) Zittau Power Plant, secondary plant | - 160 |
| Leipzig Plant Directorate, Martin Luther Ring 13, Sachsen Dimitroff Power Plant, Leipzig Ernst Thaelmann Power Plant, Leipzig Leipzig Lindenau Power Plant Kulkwitz Power Plant | 35 |
| Pulsnitz Power Plant, Sachsen | 26 |
| Oelsnitz Fower Plant, Sachsen | 18 |
| Power Plant at Schweinsburg near Zwickau, Sachsen | 21 |
| Glauchau Power Flant, Sachsen | 34 |
| Magdelving Power Flant, Magdeburg-Rothenave, August Bebel- Dama Sachsen Ankalt | . 45 |
| Zschornsvitz Power Flant, Sachsen-Anhalt | 174.5 |
| Power Flant at Harbke near Hisladen, Sachsen-Anhalt | 141.5 |
| | 53 |
| Large-Scale Gas Flant at Magdeborg-Rothsmess, Generalstrasse 1 | 12 |
| Dessau-Alton Power Flant, Sacksen-Anhalt | |
| and Anna Anna Anna Anna Anna Anna Anna A | 38 |

- 16 -

24-2-2-4-7

| Plant | I | nstalled Capacity (in megawatts) |
|--|---|----------------------------------|
| Doebritzschen Power Plant, Sachsen-Anhalt | | 24 |
| Breitungen Power Flant, Thueringen | o de la composición de la composición Como de la composición | 50 |
| Gispersleben Power Plant, Thueringen | | 33.4 |
| Werra Power Plant, Erfurt, Radowitzstrasse | | 41 |
| Muchlhausen Diesel Power Plant, Thueringer | | 25 |
| Jena Plant Directorate Apolda Power Plant, Heidenbergstrasse | | 12 |
| Unterpreilipp Power Plant, Thueringen | | 30 |
| Bleiloch Hydroelectric Fower Plant at Hoh | enwarte | 40 |
| near Ziehenrueck | | |

Annex VI

Plant Managements

The functions of the plant managements are maintenance of the network and control of the distribution of power. These offices are subordinate to the power districts. The former names of the plant managements are given in parentheses.

Babelsberg Plant Management, Fotsdam-Babelsberg, Glasmeisterstrasse 10-22.

Calau Plant Management (Calau Power Plant for the Overland Natwork), Brandenburg.

Eberswalde Flant Management MEW, Ernst Thaelmann Strasse 25.

Falkensee Plant Maragement, Kreis Osthavelland, Stalinstrasse 1 (MEW Spandau).

Weubrandenburg Plant Management, Ihlenfelderstrasse 88 (MEW).

Stralausi Plant Management (MW), Frankenkronwerk 2/ Mecklenburg.

Dessau High-Tension Network, Puschkinalles 49 (Elektrowerke AG, Berlin, West District management, Dessau).

Schwerin Flant Management (MEK); Obstritenring 40.

Selected Plant Management, Suchean-Aghait Mandelaktrizitant Gold, Selected Overland Network Plant).

Gardwlegen Plant Management, Sachsen-Anhalt, Letzlinger Landstrasse 5/7 (Landelektrisitaet Gabi, Gardelegen Overland Network Plant, and Overland Network Plant for Ereis Jerichow II Gabi).

Boards Flant Management, Magdeturg, Stressmannstrasse 21; Sachsen-Anhalt (Landslektrizitaet GubH, Boards and Weferlingen Gverland Retwork Flant).

- 17 -

14-9444

Blankenburg Plant Management, Neue Halverstaedterstrasse 17, Sachsen-Anhalt (Landelektrizitaet GmbH, Derenburg Overland Network Flant, German Continental Gas Company, and Ilfeld/Blankenburg Electricity Supply).

•

Quedlinburg Plant Management, Bansistrasse 8, Sachsen-Anhalt (Crottorf Elektrizitaetswerk AG and the Ostharz Power Plant for the Gverland Metwork).

Schoenebeck/Elbe Plant Management, Karl Marx Strasse 18, Sachsen-Anhalt (Central Sachsen Gas and Power Supply AG and Magdeburg Southeast Gas and Power Supply AG)

Dessau Plant Management, Kuchnauerstrasse 146, Sachsen-Anhalt (German Continental Gas Company, Dessau Power Plant).

Klostermansfeld Plant Management, Sachsen-Anhalt (Power Supply Corporation for the Mansfeld Mining District, Landelektrizitaet GmbH, and the Bretleben Overland Network Plant in Artern).

Bitterfeld Plant Management, Halle/Saale, Bernburgerstrasse 12/13 (Landelektrizitaets GmbH, Saalkreis Bitterfeld Overland Network Plant, and the Elektrizitaetswerk).

Falkenberg Plant Hanagement, Muchlbergstrasse 4, Sachsen-Anhalt (Landelektrizitaet GmbH, Liebenwerda Overland Network Plant in Falkenberg).

Zeitz Plant Management, Donalisstrasse 7, Sachsen-Anhalt (Weissenfels-Zeitz Fower Supply Corporation, Landelektrizitaet GmbH, Camburg Overland Network Plant, Kulkwitz Land Power Works AG, Ltoebnitz Plant Office).

Power Flants at the Saale Dams, Hoheuwarte/Post Eichicht/Saale/ Thueringen (Saale River Dams Corporation, Weimar).

Werra Power Plants. Mihla/Werra, Muchlgasse 11/13, Thueringen (Thusringenwerk AG).

Bleicherode Plant Maragement, Thueringen (Suedharz Power Plant for the Overland Network (SmbH).

Gotha Plant Hanagement, Bahnhofstrasse 20 (Thueringen Light and Power Works AG).

Gers Plant Management, Fridericistrasse 6 (Gers Power Plant and Street Railway).

Gispersleben Flant Menagement, Thueringen (Trueringen Fower Flant AC, (Kaneraleben).

Jens Plant Management, Dornburgerstrass: 17 (Jenser Blektrisitaetswerke AG).

Meiningen Flant Management, Thueringen (South Thuaringen Overland Network Flant in Rinfeld).

5-2-2-3-3-3

i daniely exployed a south Me I for the fire of the

8-E-C-E-E-T

Annez VII

Repair Plants

The following repair plants for the Soviet Zone electric power industry are subordinate to the Main Administration for Power in the State Secretariat for Coal and Power.

Plants

Griessen Hydroelectric Plant, Brandenburg (Calau Overland Power Station)

Transformer Repair Shop at Mauen in Kreis
Osthavelland, Am Schlangenborst 11-13 (MEW
Transformer Shop at Mauen)

Oranienburg Meter Repair Shop at Heidelbergerstrasse 32 in Berlin, Brandenburg (MEW Meter Shop in Oranienburg)

Thuegina Flant Administration, Leipzig C 1, Bitterfelderstrasse 19, Eachsen (Thuegina, Installations Department of the Thueringen Ges Company)

Elbe Repair Plant, Vockerode, Sachsen-Anhalt (Elektrowerke AG, Berlin, Elbe Power Plant)

Halle-Bueschdorf Repair Flant, Acussere Delitzscherstrasse 17-18, Sachen-Anhalt (Landelektrizitaets GmbH, Bueschdorf Factory)

Dessau-Waldersee Repair Plant, Sachsen-Anhalt (German Continental Cas Company, Dessau-Anhalt Power Plant)

Erfurt Repair Plant, Stalinablee 197, Thuaringen (Repair Department of the Thuaringenwork AG in Erfurt)

Type of Work

Mainly transformer repair work

Repair work

Assembly work and repair work

Mainly repairs to boiler installations

Repairs to transformers and switch installations

Repair work

Mainly generator repair work

50X1-HUM

50X1-HUM

